

Adding a Water Kit Sample

[1] Ensure you have accessed your Location (a), then expand the (+) icons in the Menu Tree under Samples -> Water. In this example, a Treated Water sample will be added by clicking the Treated Water Kit link (b). To add a new sample click the (+) (c). **IMPORTANT:** This tutorial pertains to Treated Water, but any Raw (Untreated) Water could be added in a similar fashion.

The screenshot shows the 'Treated Water Samples' interface. On the left, a menu tree is expanded to show the path: Location (a) -> Environmental Health -> Water Systems -> Water -> Treated Water Kit (b). The main area displays a table of sample results. A circled plus icon (+) in the top right corner is labeled (c).

| Select | Sample ID | Field/Local Sample ID | Sample Type | Lab Name | Lab Sample ID(s) | Sample (Start) Date | Location | Sampling Point | Lab Import Status | Analyte Status |
|--------------------------|-----------|-----------------------|---------------|----------|--------------------|---------------------|----------------|------------------------------------|--------------------|-----------------------------|
| <input type="checkbox"/> | 00001111 | AFG_LION_TW1_20111221 | Treated Water | | | 2011/12/21 1200 | Base Camp LION | Lion Mess Hall/Faucet to ice maker | Results Not Loaded | In Progress |
| <input type="checkbox"/> | 00001113 | AFG_LION_TW2_20111221 | Treated Water | | | 2011/12/21 1200 | Base Camp LION | ROWPU farm/ROWPU 789 | Results Not Loaded | In Progress |
| <input type="checkbox"/> | 00001108 | AFG_LION_TW1_20130312 | Treated Water | | | 2013/03/12 1000 | Base Camp LION | ROWPU Farm/ROWPU 123 Tap | Results Not Loaded | In Progress |
| <input type="checkbox"/> | 0000211V | AFG_LION_TW2_20130312 | Treated Water | | | 2013/03/13 0900 | Base Camp LION | ROWPU farm/ROWPU 789 | Results Not Loaded | In Progress |
| <input type="checkbox"/> | CRDUA29I | AFGLION01W07164 | Treated Water | | 26022001, 26022002 | 2007/06/13 1420 | Base Camp LION | | Results Loaded | 195 out of 195 Ready for QA |

[2] Within the Administrative Data tile, begin to transpose the hand written notes off the Field Data Sheet. There are 2* **required** fields for this media: Start Date/Time AND Sample Reason. The Sampling Point and Exposure Notes are equally important. When deployed the Sample Reason is commonly toggled as OEHSA/ Exposure Pathway (EP). When this option* is selected, it is required to use the 'Associate Exposure Pathway(s)' Button. The Exposure Notes should include supporting site and day specific events.

The screenshot shows the 'Treated Water - Detail' form. The 'Administrative Data' section includes fields for Sample Type, Sample ID, Start Date/Time (2013/03/13), Collector Selection, and Sample Reason (OEHSA / Exposure Pathway). The 'Exposure Notes' field contains text about water sample collection. A 'Tips' box on the right provides instructions on sample status and exposure pathways.

Administrative Data

Sample Type: Treated Water

Sample ID: New

Start Date/Time*: 2013/03/13 (yyyy/mm/dd) 1000 (1500)

Collector Selection: Last Name, First name, first.last@us.army.mil

Collector's Name: Last Name, First name

Collector's Phone No.: 555-5555

Sample Reason*: OEHSA / Exposure Pathway

Exposure Duration: < 1 Week < 2 Week < 1 Year >= 1 Year

Exposure Notes: Water Sample collected directly from the ROWPU. Clear weather conditions. NSTR.

Associated Exposure Pathways *

There are currently no Exposure Pathways associated with this sample. You may add Exposure Pathways by clicking on the Associate Exposure Pathway(s) button.

Associate Exposure Pathway(s) Disassociate Selected Exposure Pathway(s)

Tips:

- The Sample Status should remain In Progress. Only APHC will advance sample Status due to shipment/laboratory uncertainties.
- Water Samples should have notes on regarding conditions that day.

Exposure Pathways - Search Results

Please select Exposure Pathways to associate with the sample. The Exposure Pathways listed here are filtered based on the sample date and sample type.

Location: LION
Sample Type: Treated Water
Sample Date: 2013/03/12
Sample ID: 00001UQA

Associate Selected Exposure Pathway(s) Cancel

| Select | Exposure Pathway ID | Location | Name | Source | Environmental Media | Health Threat | Route of Exposure | Number of Affected Personnel | Priority | Start Date | Stop Date |
|-------------------------------------|---------------------|----------------|--------------------------|-------------------|---------------------|-----------------|-------------------|------------------------------|----------|------------|-----------|
| <input type="checkbox"/> | 5632 | Base Camp LION | Well water exposure | Ground Water well | Water | Bacteriological | Skin Contact | 100 | Low | 2012/02/02 | |
| <input type="checkbox"/> | 5635 | Base Camp LION | Well 10 Personal hygiene | Ground Water well | Water | | | | | | |
| <input checked="" type="checkbox"/> | 6153 | Base Camp LION | Lion ROWPU | Lion ROWPU | Water | | | | | | |

Page: 1 (Displaying results 1 - 3 of 3)

Associate Selected Exposure Pathway(s) Cancel

- The user can add or search for additional EPs from the (+) or Other Acts if needed.

- The 'Associate' Button will search all EPs with Water as the media.
- Select one or many EPs as applicable and then click 'Associate Selected'.

Treated Water - Detail

* Indicates Required Field

Other Actions -Sample-

Save Save And Continue Save and Copy as Another Sample Cancel

Administrative Data

Sample Type: Treated Water
Sample ID: New
Field/Local Sample ID: AFG_LION_TW2_20130312
Start Date/Time: 2013/03/13 (yyyy/mm/dd) 1000 (1500)
Status: In Progress
Collector Selection: Last Name, First name, first.last@oea.army.mil
Collector's Name: Last Name, First name
Collector's Phone No.: 555-5555
Sample Reason: OEHSA / Exposure Pathway Note: You must associate this sample with at least one Exposure Pathway
Exposure Duration: < 1 Week < 2 Week < 1 Year >= 1 Year
Exposure Notes: Water Sample collected directly from the ROWPU. Clear weather conditions. NSTR.

Associated Exposure Pathways

| Select | Exposure Pathway ID | Source | Environmental Media | Health Threat | Route of Exposure | Number of Affected Personnel | Existing Controls | Duration | Frequency | Severity | Probability |
|-------------------------------------|---------------------|------------|---------------------|---------------------------------------|-------------------|------------------------------|--|--------------|---------------|------------|-------------|
| <input checked="" type="checkbox"/> | 6153 | Lion ROWPU | Water | Pathogens and Disinfection Byproducts | Ingestion | 1 | NACLO3 treatment and competent oversight from Contractors. Daily records logged on site. | Other: 2/day | Other: 1 year | Negligible | Occasional |

Associate Exposure Pathway(s) Disassociate Selected Exposure Pathway(s)

- The EP is now associated to the Sample. This is **REQUIRED** when the OEHSA/Exposure Pathway Sample Reason is toggled.

[3]Water **Sampling Points** are handled differently than air/soil sampling points. Water Sampling Points should be created separately. (See Tutorial #20 on Adding Water Sampling Points). Sampling points must be linked to the source called the Water System Component (WSC) Type and Name. (Therefore, first select the applicable WSC Type (a), then the sampling point it pertains to (b). The Sampling Point edit/add icons take a user to the page seen when creating sampling points separately (c). The sampling point *can* be made here, but it is preferred to be made in the Sampling Point module *prior* to adding the Sample. Notice the WSC Type and Name associated on the Sampling Point Detail page (d).

Water System Component/Sampling Point

Water System Component Type: Treatment System (a)

Sampling Point: ROWPU Farm/ROWPU 123 Tap (Treated Water) (b)

Treatment System Name: Lion ROWPU 123
Operating Organization: DOD
Water Treatment System Type: Military - 3000 GPH
Comments: Source water is trucked in (unknown source)

Previous Survey Coordinates Lat/Long (Decimal Degrees)
Most Recent Prior "Water Treatment System Inspection Survey" for Lion ROWPU 123
Survey ID
Start Date
Responsible PO Person
Associated Surveys for Lion ROWPU 123

Select Survey ID Location

Sampling Point Detail

* Indicates Required Field

Save Cancel

Sampling Point Information

Water Type: Treated
Building/Site: ROWPU Farm
Collection Point: Tap/Faucet
Treatment Type: Absorption Air Stripping/Recarbonation Chloramines Chlorine
Start Date: 2013/02/27 (yyyy/mm/dd)
Notes: ROWPU is routinely inspected by FST

Sampling Point: ROWPU 123 Tap
Water Use: Secondary Drinking Source
Non Drinking Uses (Required for Non-Drinking water use): ☒ Showering ☒ Personal Hygiene ☒ Cooking ☐ Recreation ☐ Other
Stop Date: (yyyy/mm/dd)

Water System Component

Water System Component Type: Treatment System (d)
Treatment System: Lion ROWPU 123
Treatment System Name: Lion ROWPU 123
Operating Organization: DOD
Water Treatment System Type: Military - 3000 GPH
Comments: Source water is trucked in (unknown source)

Note: The WSC Type can and should be already named and identified from the OEHSA and/or water surveys. **Notice the Base Camp name in the Name field of the WSC Name.**

[4] After selecting the WSC Type and Sampling Point, some information is automatically populated in the Field Data tile (indicated with a *). Other information will have to be added as observed (indicated with a X). Remember the Exposure Notes text box will all valuable information. Avoid using the Notes field at the bottom (historical reporting reasons for this).

Field Data

| | | |
|---|---|--|
| Water Kit Type | X | Deployment Treated Water Kit |
| Water Type | X | <input checked="" type="radio"/> ROWPU <input type="radio"/> Municipal <input type="radio"/> Disinfected Fresh <input type="radio"/> Bottled |
| Operating Unit | X | Quartermaster |
| Source Of Water | X | Unknown |
| Primary Treatment | X | Chlorine, Filtration * |
| ROWPU ID | X | 123 |
| Collection Point | * | <input type="radio"/> Aircraft Watering Point <input type="radio"/> Bottled Water <input type="radio"/> Distribution System <input type="radio"/> ROWPU <input checked="" type="radio"/> Tap/Faucet <input type="radio"/> Treatment Facility <input type="radio"/> Unknown <input type="radio"/> Water Blivet <input type="radio"/> Water Buffalo <input type="radio"/> Water Tanker <input type="radio"/> N/A |
| Water Use | * | <input type="radio"/> Primary Drinking <input checked="" type="radio"/> Secondary Drinking <input type="radio"/> Non-Drinking <input type="radio"/> Unknown |
| Identify the Primary Drinking Water Source (If Water Use is Secondary Drinking or Non-Drinking) | * | Bottled (various) |
| Non-Drinking Uses (If Water Use is Non-Drinking) | * | <input checked="" type="checkbox"/> Showering <input checked="" type="checkbox"/> Personal Hygiene <input checked="" type="checkbox"/> Cooking <input type="checkbox"/> Recreation <input type="checkbox"/> Other |
| Estimated Drinking Rate | X | <input checked="" type="radio"/> Less Than or Equal to 5 Liters per Day <input type="radio"/> Greater Than 5 Liters per Day |
| | | Estimated Rate 2 L/d |
| pH | | 6.8 |
| Turbidity | | 0.8 |
| Total Coliform | | - |
| Free Available Chlorine (FAC) | | 1.1 |
| Notes (Field Measurements/Observations/Water Quality Description) | | |

Add all field sampling data as observed.

[5] After all Field and Exposure data are recorded use the 'Save and Continue' button to generate the DOEHRs ID. This can be thought of as the sample's "shell." Later, laboratory data will be added to complete "shell" and further assessment will occur. **Assessment is only as good as the field data and exposure pathway/notes!**

Treated Water - Detail

Save Save And Continue Save and Copy as Another Sample

Administrative Data

| | |
|-----------------|---------------|
| Sample Type | Treated Water |
| Sample ID | 00001UQA |
| Start Date/Time | 2013/03/12 |

Lab Information

Individual Samples

| | |
|--------|-----------|
| Type | Sample ID |
| Sample | 00001UQA |
| Blank | 00001UOB |

-The DOEHRs ID is the permanent ID for the sample.
 -The Blank ID is found lower on the page.
 - All Kits use a Blank, the Blank ID should be recorded on the FDS after being loaded and shipped.

[6] Geo-coordinates and attachments should be added if known and permitted.

Location Information

Data must be UNCLASSIFIED

Parent Location

Sample Location Information

Coordinates Lat/Long (Decimal Degrees)

Coordinates Lat/Long (Degrees/Minutes/Seconds)

Universal Transverse Mercator (UTM) Coordinates

Military Grid Reference System (MGRS) Coordinates

Location Description

ORM

Attachments (0)

Program Office Information

Save Save And Continue Save and Copy as Another Sample Cancel

The DOEHRs ID and Blank ID should be written on Field Data Sheet prior to a scan and upload.

[7] Use a 'Save' [and exit] to go back to the screen in Step 1. After a 'Save' [and exit] the sample input is complete. **The APHC will advance the Status after shipment and laboratory analysis.**

Work Plan
Work Basket
Pending QA
Master Schedule

Industrial Hygiene

Environmental Health

Location
Base Camp LION
Exposure Pathways
Air
Water
Treated Water Kit
Untreated Water Kit
Routine Monitoring
Thermal Stress
Soil
Subsea
POEMS
Personnel

Lab Import
Receipts
Find Sample
POEMS

Radiation

Treated Water Samples

Searched for
Results 1-8 of 8 records found

Other Actions -Sample-

Results

Lab Import Status All

Select All De-Select All Ready for QA Review Approved by QA

| Select | Sample ID | Field/Local Sample ID | Sample Type | Lab Name | Lab Sample ID(s) | Sample (Start) Date | Location | Sampling Point | Lab Import Status | Analyte Status | Status |
|--------------------------|-----------|-----------------------|---------------|----------|--------------------|---------------------|----------------|------------------------------------|--------------------|----------------|--------------|
| <input type="checkbox"/> | 00001U0A | AFG_LION_TW1_20130312 | Treated Water | | | 2013/03/12 1000 | Base Camp LION | ROWPU Farm/ROWPU 123 Tap | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001U0H | | Treated Water | | | 2013/03/08 1200 | Base Camp LION | ROWPU Farm/ROWPU 789 | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001U0F | | Treated Water | | | 2013/03/08 1200 | Base Camp LION | ROWPU Farm/ROWPU 789 | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001U06 | | Treated Water | | | 2013/03/08 1030 | Base Camp LION | ROWPU Farm/ROWPU 123 Tap | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001U04 | | Treated Water | | | 2013/03/08 1000 | Base Camp LION | ROWPU Farm/ROWPU 123 Tap | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001I11 | AFG_LION_TW1_20111221 | Treated Water | | | 2011/12/21 1200 | Base Camp LION | Lion Mess Hall/Faucet to ice maker | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | 00001I13 | AFG_LION_TW2_20111221 | Treated Water | | | 2011/12/21 1200 | Base Camp LION | ROWPU Farm/ROWPU 789 | Results Not Loaded | | In Progress |
| <input type="checkbox"/> | CRDUA29I | AFGLION01M071164 | Treated Water | | 26022001, 26022002 | 2007/05/13 1420 | Base Camp LION | | Results Loaded | 195 out of 195 | Ready for QA |

Select All De-Select All Ready for QA Review Approved by QA

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Lab results will be added after sample is shipped and analyzed